## **U.S. Department of Commerce** Patent and Trademark Office

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Atty. Docket No. Serial No. 62942-B/JPW/AJD 09/912,824 Applicant(s)

Graham P. Allaway et al.

Filing Date July 25, 2001 **Group Art Unit** 1648

## U.S. PATENT DOCUMENTS Subclass Examiner Exb Document Number Date Name Class Filing Date Initials No.5 If Appropriate 11/07/95 5 9 Bolognesi et al. 1 4 6 4 3 02/18/97 2 5 Dwyer et al. 6 0 3 3 5 6 6 8 1 09/16/97 Oroszlan et al. 4 5 10/06/98 8 1 7 6 Allaway et al. FOREIGN PATENT DOCUMENTS Translation Document Number Date Country Class Subclass Yes No 42 9 2 5 02/06/92 PCT 1 4 43 9 6 4 0 2 0 12/19/96 **PCT** 1 9 9 07/24/97 PCT 44 7 2 6 0 0 45 9 0 5 10/27/97 PCT 7 3 7 ٥ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Allaway, G.P. et al. (1995) Expression and characterization of CD4-IgG2, a novel heterotetramer which neutralizes primary HIV-1 isolates. AIDS Res. Hum. Retroviruses 11: 533-539;

fusion by CD4-based molecules in combination with antibodies to gp120 or gp41. AIDS Res. Hum. Retroviruses 9: 581-587; Allaway, G.P. et al. (1993) Synergistic inhibition of HIV-1 envelope-mediated cell 60 fusion by CD4-based molecules in combination with antibodies to gp120 or gp41. J. Cell. Biochem. 17E: 25, see abstract; Amara, A. et al. (1997) HIV coreceptor downregulation as antiviral principle: SDF-la-61 dependent internalization of the chemokine receptor CXCR4 contributes to inhibition of HIV replication. J. Exp. Med. 186: 139-146; Arthos, J. et al. (1989) Identification of the residues in human CD4 critical for the 62 binding of HIV. Cell 57: 469-481; 63 Berger, E.A. 1997. HIV entry and tropism: the chemokine receptor connection. AIDS 11 (suppl A): S3-S16; Bieniasz, P.D. et al. (1997) HIV-1 induced cell fusion is mediated by multiple regions 64 within both the viral envelope and the CCR5 co-receptor. EMBO J. 16: 2599-2609;

**EXAMINER** 

59

DATE CONSIDERED

Allaway, G.P. et al. (1993) Synergistic inhibition of HIV-1 envelope-mediated cell

\*EXAMINER/ Initial if citation considered, whether or not citation is in conformance with MPEP § citation if notin conformance and not considered. Include copy of this form with next communication to applicant.

10/25/2004 RFEKADU1 00000144 09912824

04 FC:1806

180.00 DP

<sup>&</sup>lt;sup>5</sup> Note that this column shows Exhibit numbers, <u>not</u> reference numbers. Reference numbers are listed on pages 14-31 of the attached Amendment.